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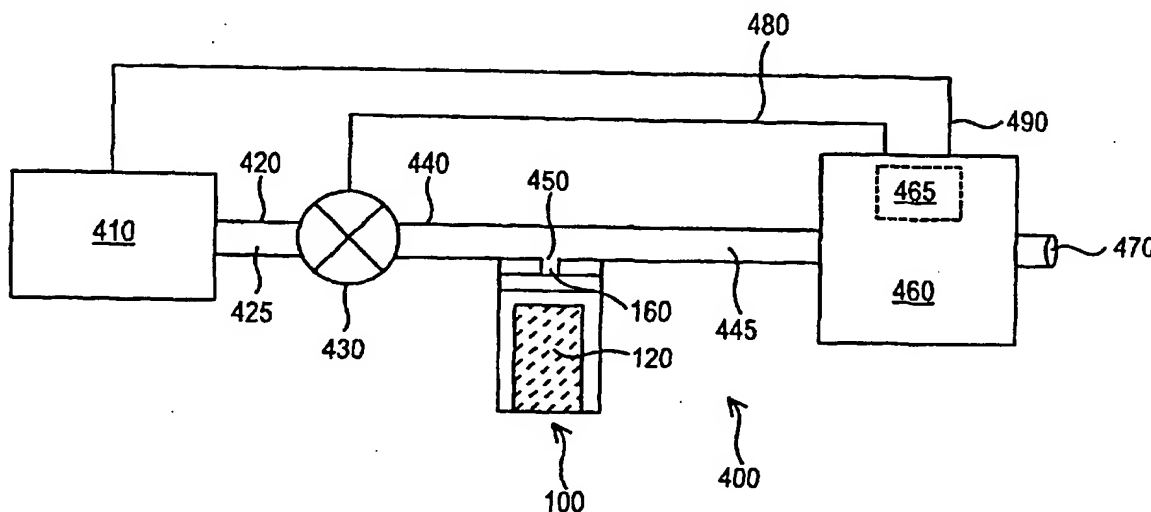
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(54) Title: APPARATUS AND METHOD TO CALIBRATE A GAS DETECTOR



(57) Abstract: An analyte chamber which can be releaseably attached to a portable calibration apparatus. The analyte chamber includes a wick, one or more analytes disposed in that wick, a housing having an open end, where the wick is internally disposed within that housing, and at least one layer disposed over and enclosing the open end. The analyte chamber does not include a releaseable quantity of the liquid phase of the one more more analytes absorbed in the wick. A method to calibrate an immobile gas detector. The method provides a portable calibration apparatus comprising a portable detector and an analyte chamber comprising a wick, where the analyte chamber is capable of providing one or more concentrations of one or more gases to the portable detector, and where the portable calibration apparatus is capable of providing those one more more gases to the immobile gas detector.

WO 2004/042356 A2